



THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)

Mehmet Zeki ALYANAK)

Application No.: 09/410,584)

Filed: October 01, 1999)

For: APPARATUS AND METHOD FOR)
CHANGING THE DYNAMIC RESPONSE OF AN)
ELECTROMAGNETICALLY OPERATED)
ACTUATOR)

Group Art Unit: 2832

Examiner: R. Barrera

Commissioner for Patents
Washington, D.C. 20231RECEIVED
DEC 30 2002
TECHNOLOGY CENTER 2800

Sir:

AMENDMENT AND REQUEST FOR RECONSIDERATION
UNDER 37 C.F.R. § 1.111

In response to the non-final Office Action mailed **August 26, 2002**, the period for response being extended through December 26, 2002, with a petition for a one-month extension of time, please amend the application as follows:

IN THE CLAIMS:

Please amend claim 21 as follow:

21. (Thrice Amended) A method of stabilizing an electromagnetically operated actuator, comprising:
providing a coil and an armature, the armature being disposed for movement in a first direction and a second direction opposite the first direction along the axis in the sleeve, the armature having at least one groove formed on an exterior surface thereof;
moving the armature along the axis as a response to energization of the coil; and
exerting a radially outwardly directed force against the sleeve by a single continuous member

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